

ABSTRACT OF THE DISCLOSURE

A multilayer inductor in which a DC resistance is small so that a high direct current can be applied thereto, has a structure in which a plurality of magnetic layers is stacked and coil conductor patterns are provided between the magnetic layers. The coil conductor patterns are spirally connected to each other via through-holes formed in the magnetic layers. The coil conductor patterns are arranged such that the areas of projected planes of the coil conductor patterns on main surfaces of the magnetic layers are within a range from about 35% to about 75% of the areas of the main surfaces of the magnetic layers.